

Notice of Allowability

Application No.

10/743,804

Examiner

Carlos Lugo

Applicant(s)

CHO, JOUNG-HWAN

Art Unit

3676

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to applicant's amendment filed on September 14, 2005.
2. ☒ The allowed claim(s) is/are 1 and 2.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

DETAILED ACTION

1. This Office Action is in response to applicant's amendment filed on September 14, 2005.

Allowable Subject Matter

2. **Claims 1 and 2 are allowed.**

Reasons For Allowance

3. The following is an examiner's statement of reasons for allowance:

Claim 1 is allowable over the prior art of record because the teachings of the references taken as a whole do not teach or render obvious the combination set forth, including that the system includes a guide plate provided with a hook that fixes of end of the return member and a hooking groove for guiding the driving rod.

Kim (KR2003076114) discloses a system for operating a rod of a glove box (20). The system comprises a driving rotary gear (50), a driving rod (44), a driven rod (60) and a return member (68).

Kim fails to disclose that a lock lever connected to the rear side of a knob rotates the driving rotary gear. Kim discloses that one of the rods (at 42) is connected to the knob.

Also, Kim fails to disclose that the system has a rack system wherein the driving rod includes two sets of rack gears, having one connected to the driving rotary gear and the other one to a driven rotary gear. The driven rotary gear is then connected to the driven rod so as when the driving rotary gear moves, it will move the both rods.

Oh (KR2002048030) teaches that it is well known in the art to have a knob or handle (20) that is connected to a gear (10) by means of a lever (21), so as when the user operates the knob or handle, it would move the gear so as to move the rods out of engagement.

King (US 4,476,700) teaches that it is well known in the art to have a rack system having a lock lever (at 16) with a pinion gear (20) connected to a first rack gear of a driving rod (24). The driving rod includes a second rack gear (26) at an upper side that is connected to a side driven rotary gear (28). The other side of the driven rotary gear is then connected to a driven rack gear (31) of a driven rod (30) so as when the driving rotary gear moves, it will move the both rods.

However, Kim, as modified by Oh and King fails to disclose a guide plate. Oh teaches the use of guide members (attaching the rods 11), however, these guide members are not designed with hooks that fix an end of the return member.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Carlos Lugo whose telephone number 571-272-7058. The examiner can normally be reached on 9-6pm EST.

Art Unit: 3676

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Glessner can be reached on 571-272-6843. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-5771.

C. C.

Carlos Lugo
AU 3676

December 2, 2005.


BRIAN E. GLESSNER
SUPERVISORY PATENT EXAMINER